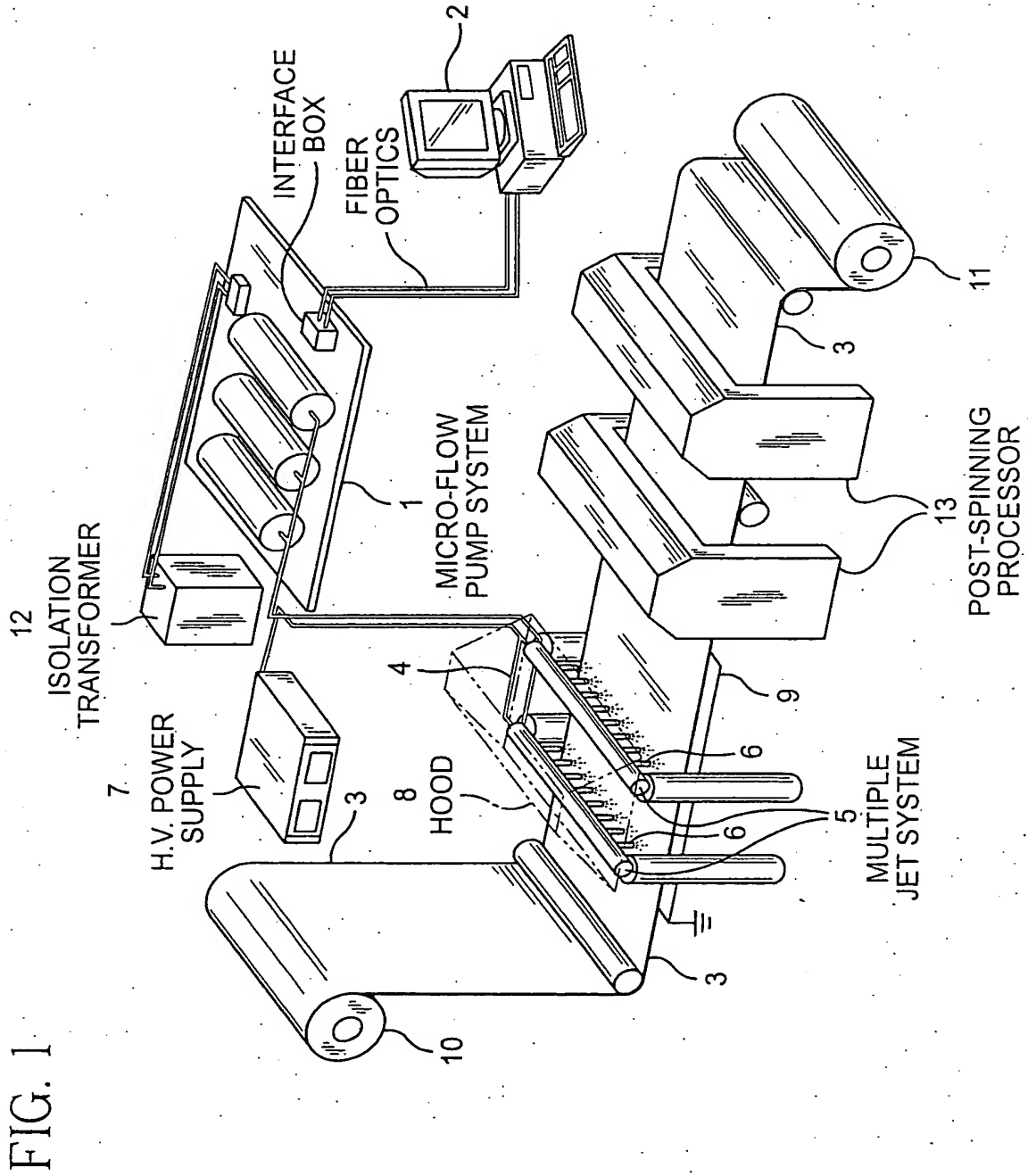


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FIG. 2 (a)

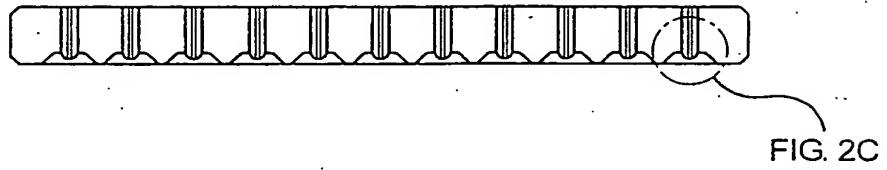
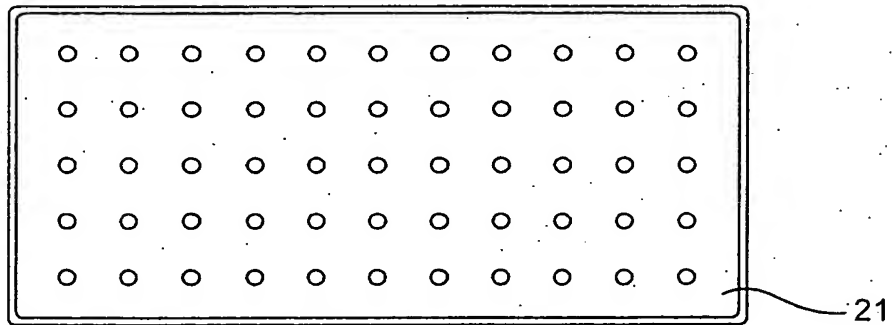


FIG. 2 (b)



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FIG. 2 (c)

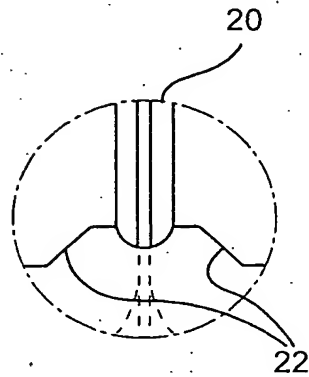
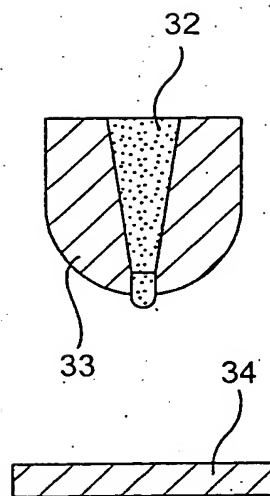


FIG. 3 (a)



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FIG. 3 (b)

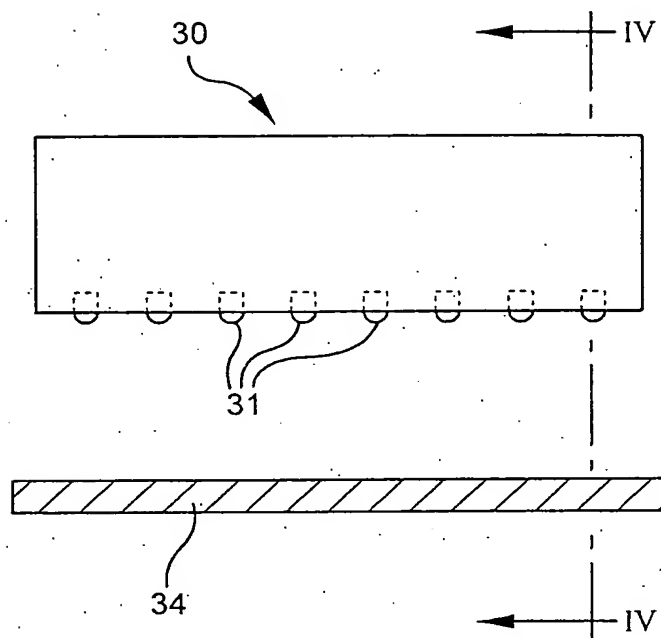
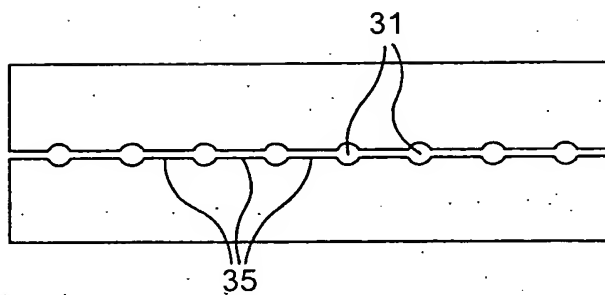
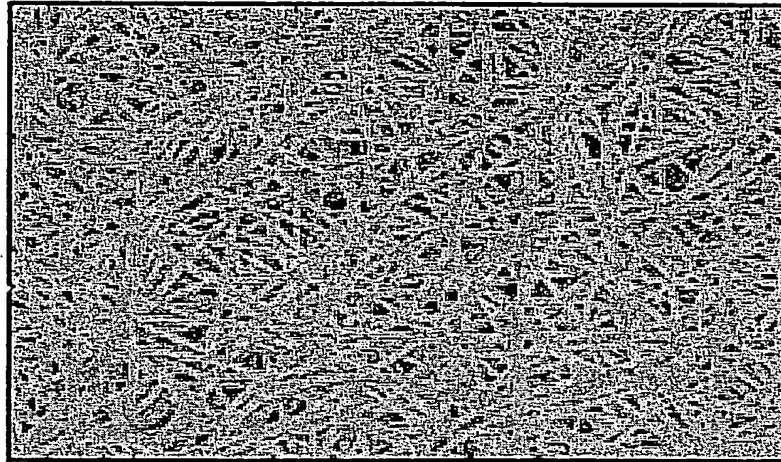


FIG. 3 (c)



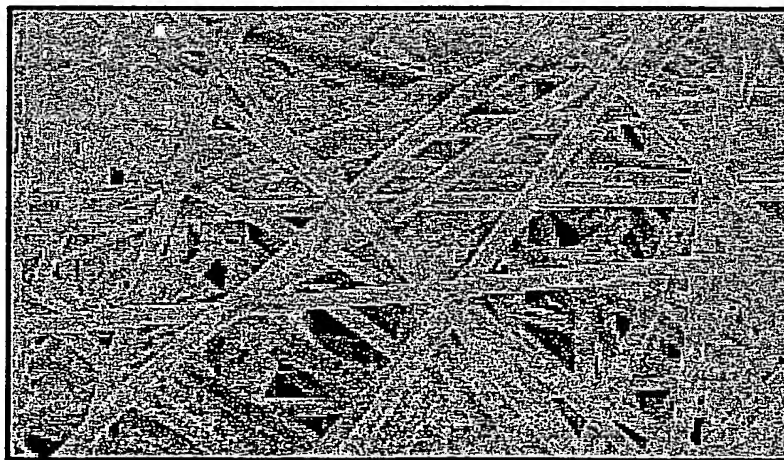
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FIG. 4 SPUN MEMBRANE WITH 1 WT%  $\text{KH}_2\text{PO}_4$



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FIG. 5 SPUN MEMBRANE WITHOUT SALT



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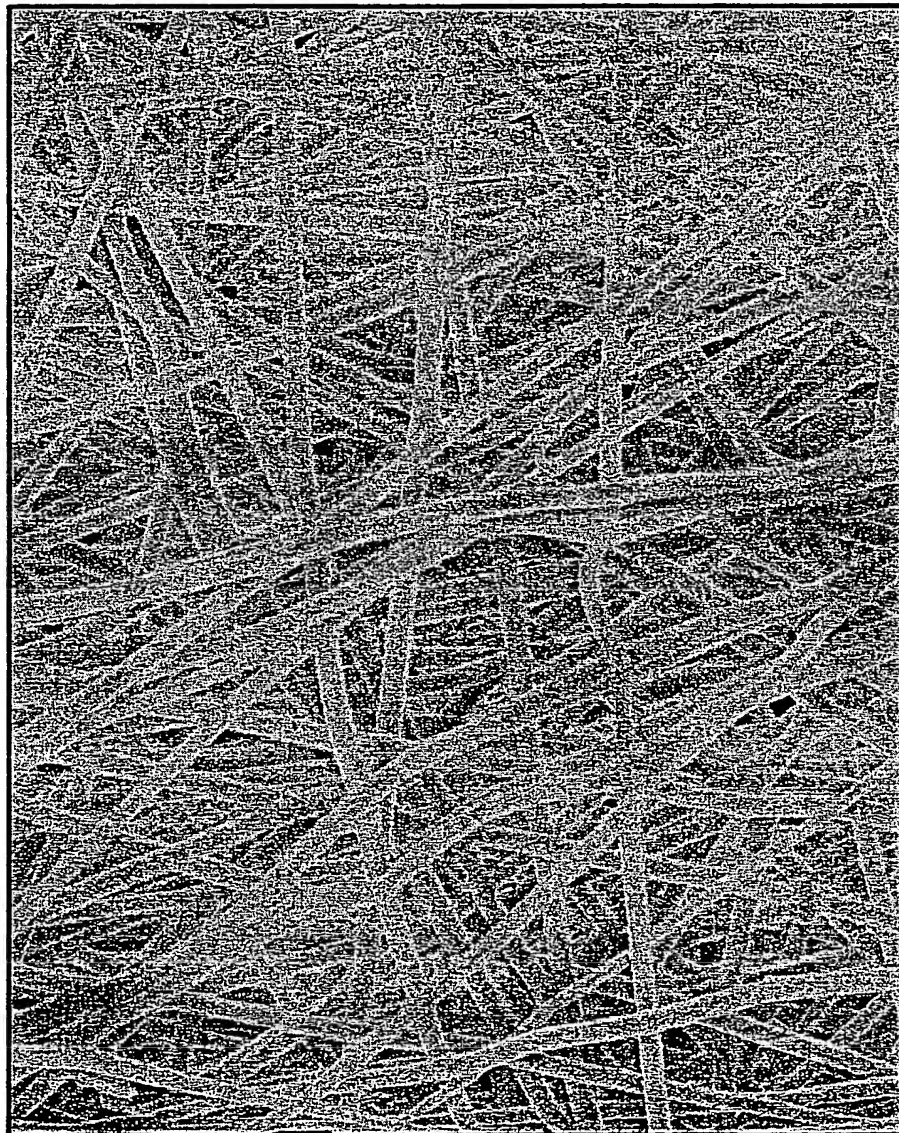


FIG. 6

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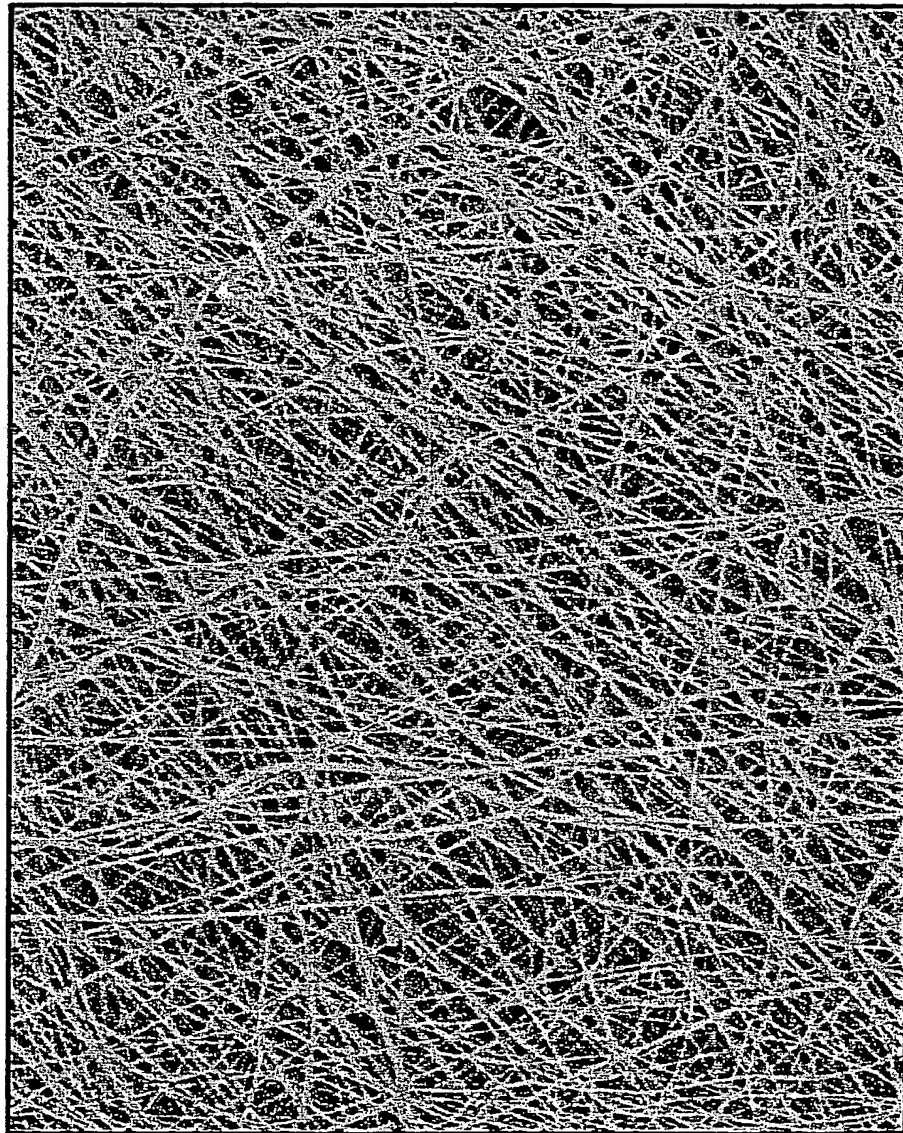
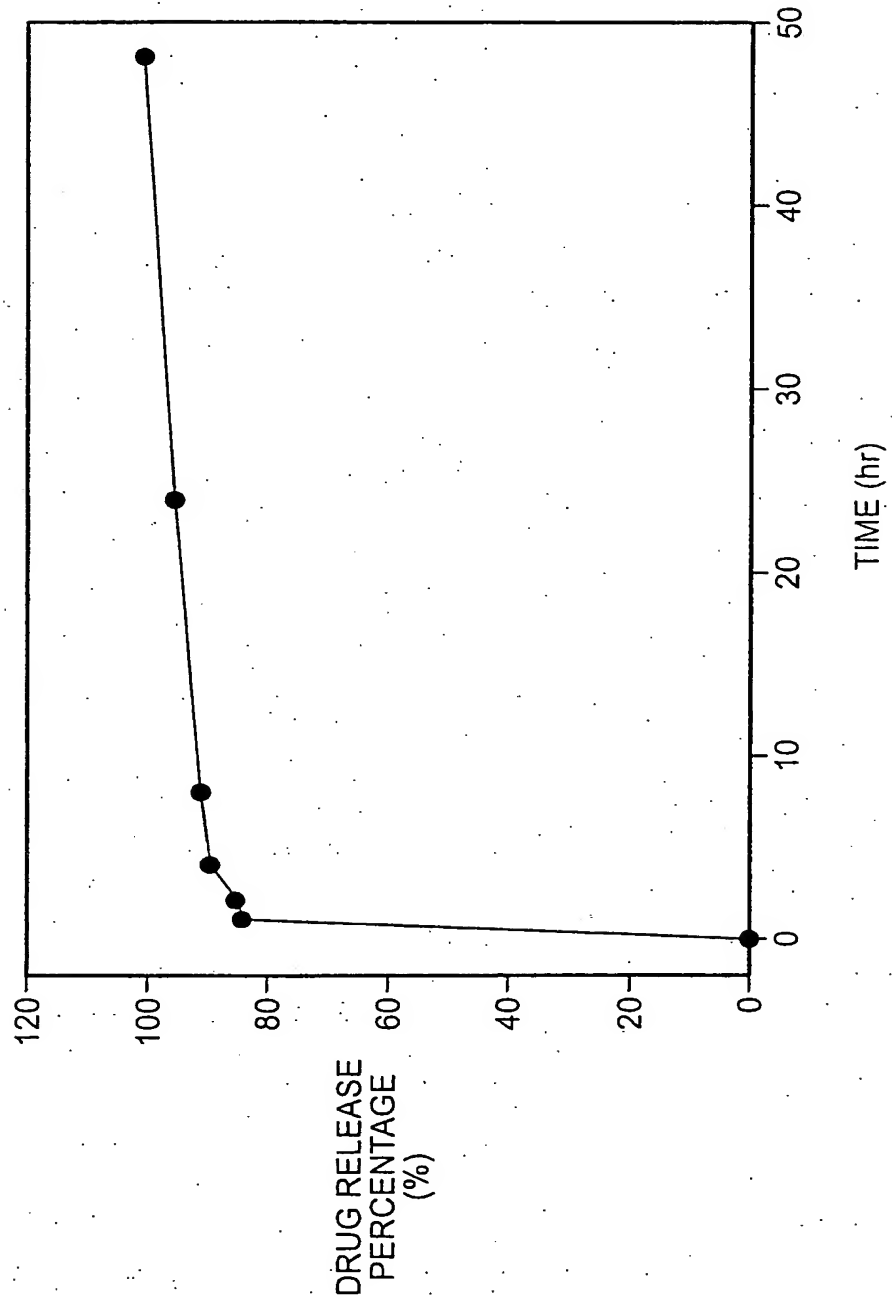


FIG. 7

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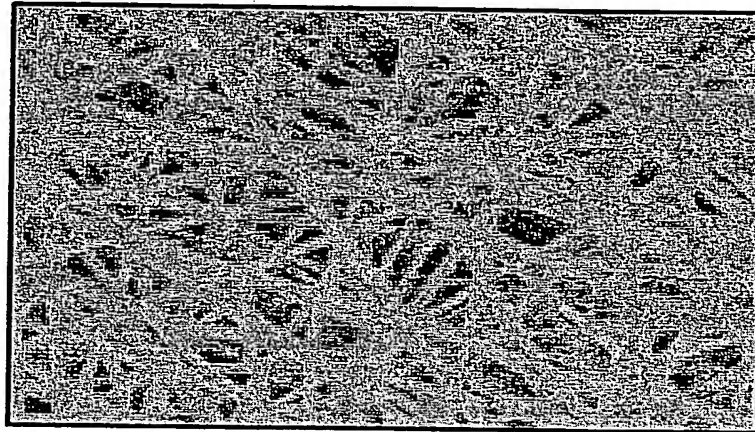
FIG. 8 IN VITRO DRUG RELEASE PROFILE





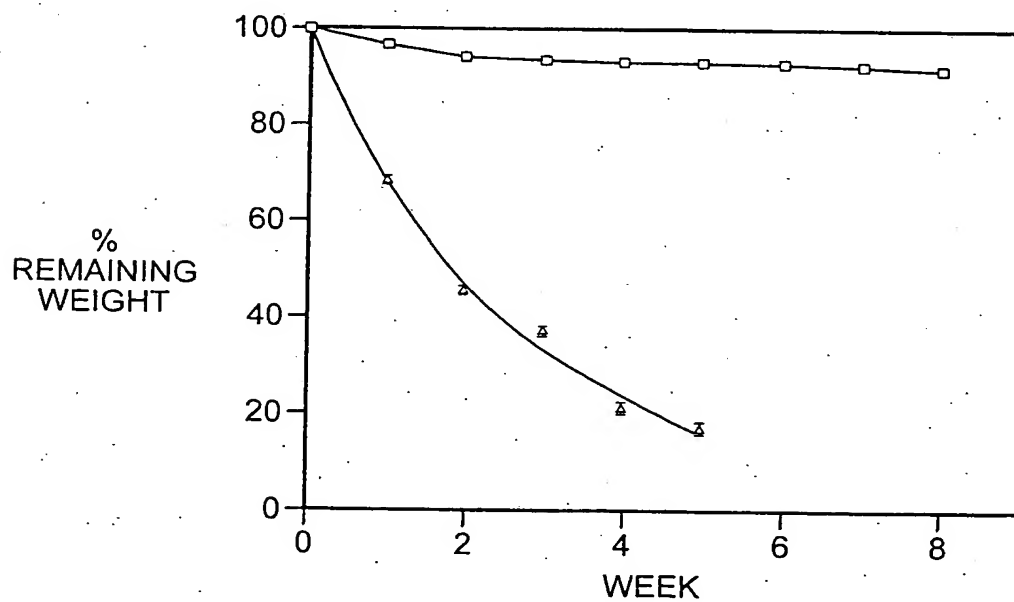
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FIG. 9 SEM IMAGE OF ELECTROSPUN PLA MEMBRANE



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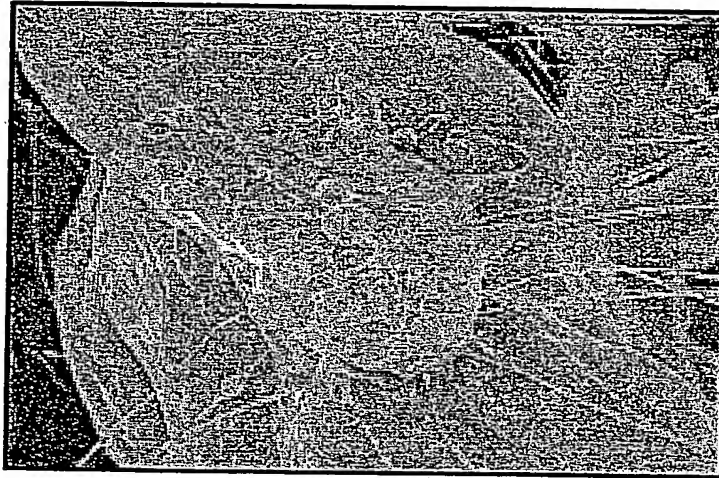
FIG. 10 BIODEGRADATION RATE OF ELECTROSPUN MEMBRANE



- ▲ AMORPHOUS PGA FILM
- ▣ P(DL)LA ELECTROSPUN FILM

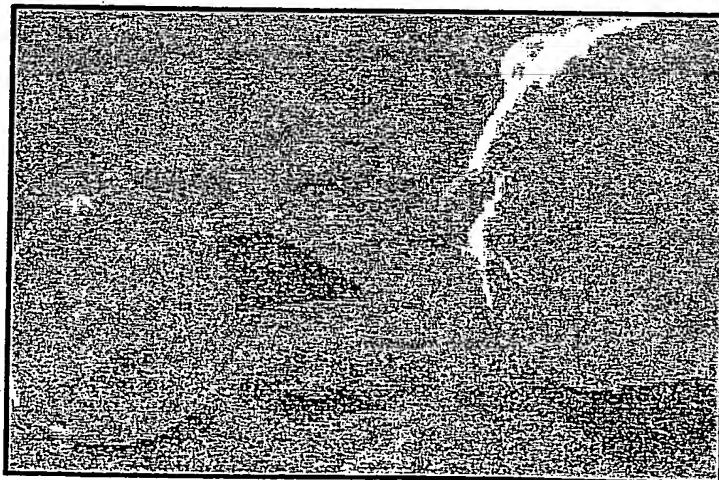
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FIG. 11 DUEL THICKNESS PLA MEMBRANE



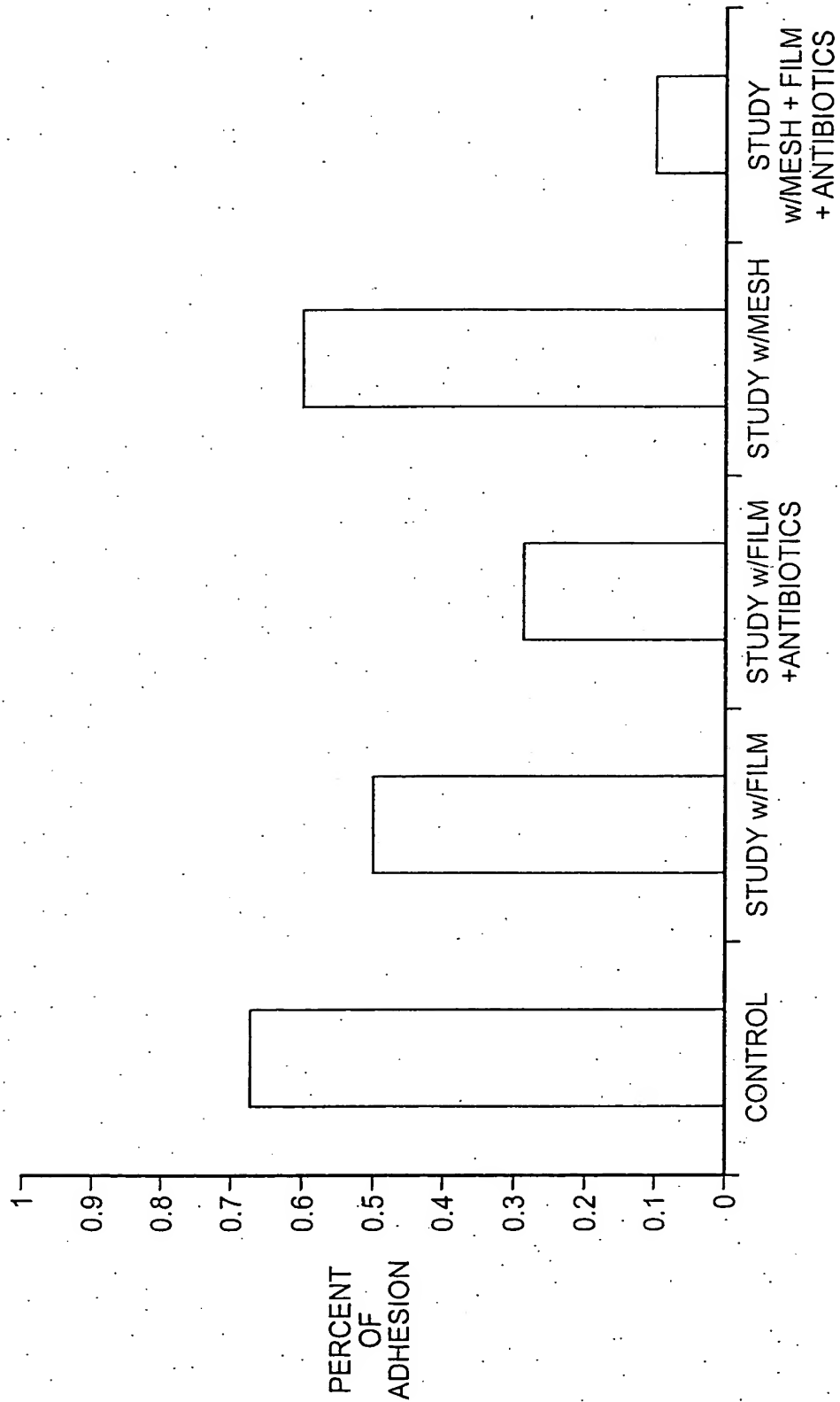
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FIG. 12 MEMBRANE AFTER 1 WEEK OF DEGRADATION



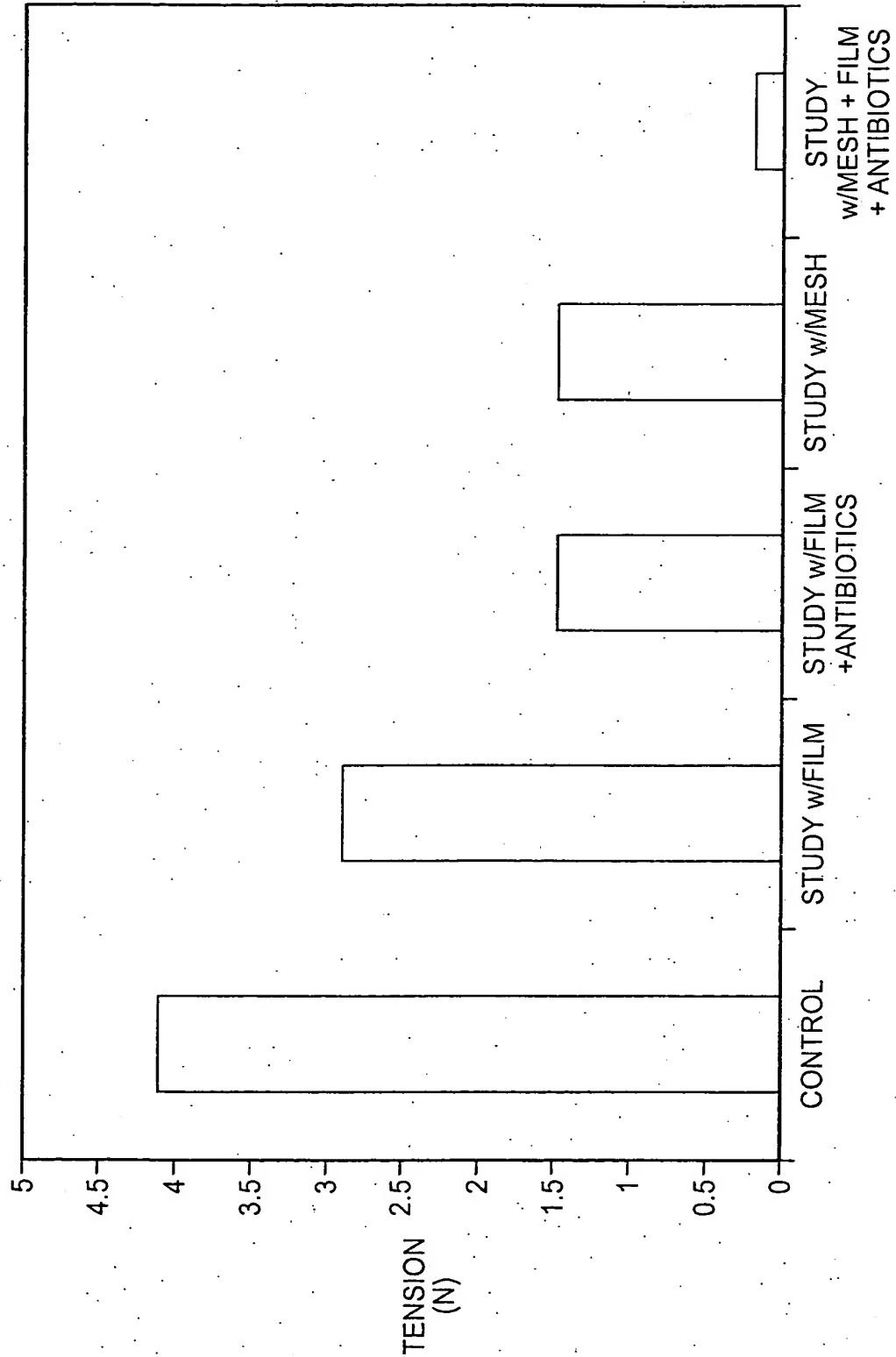
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FIG. 13 INCIDENCE OF ADHESION



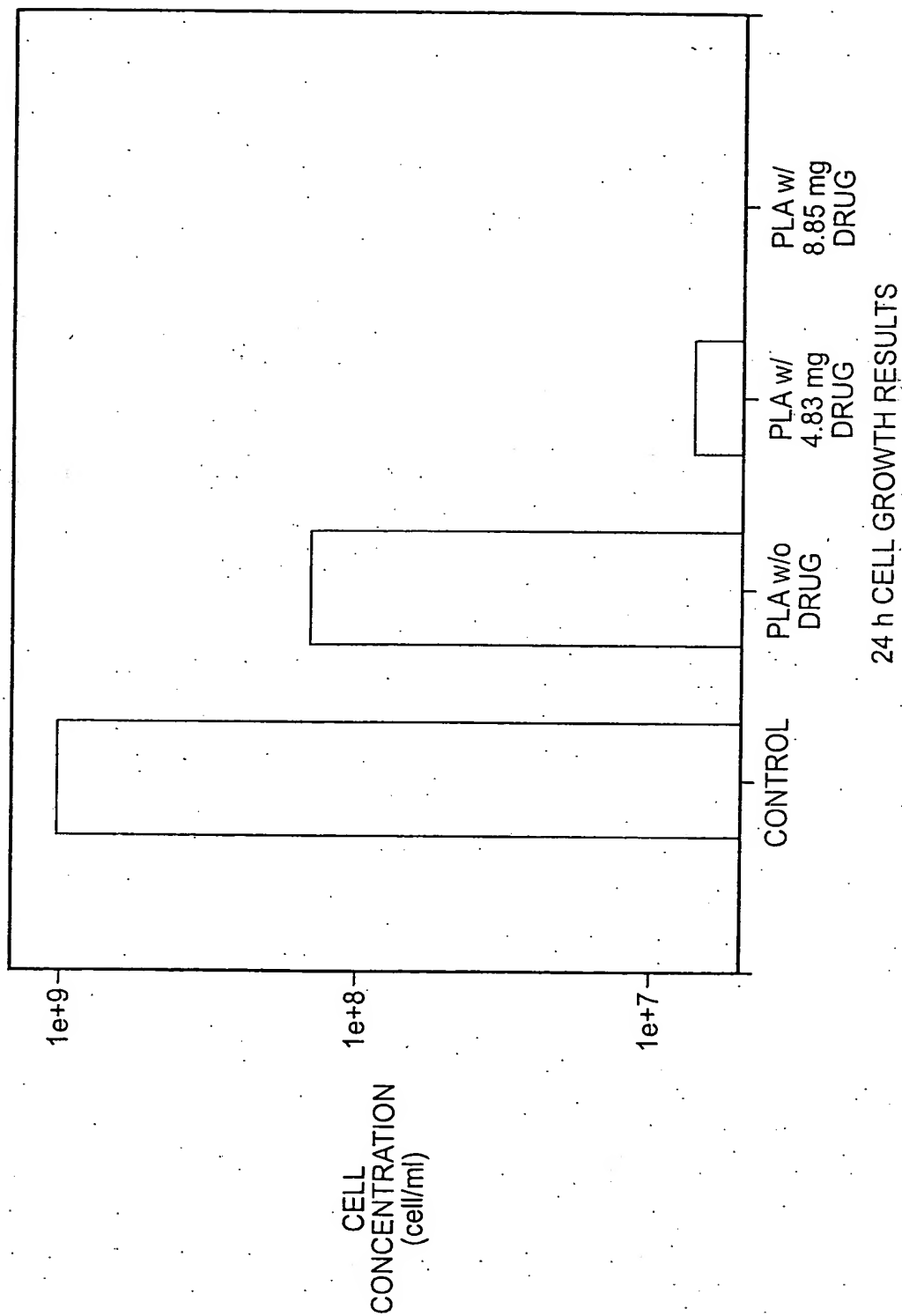
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FIG. 14 CECAL ADHESION TENSION (N)



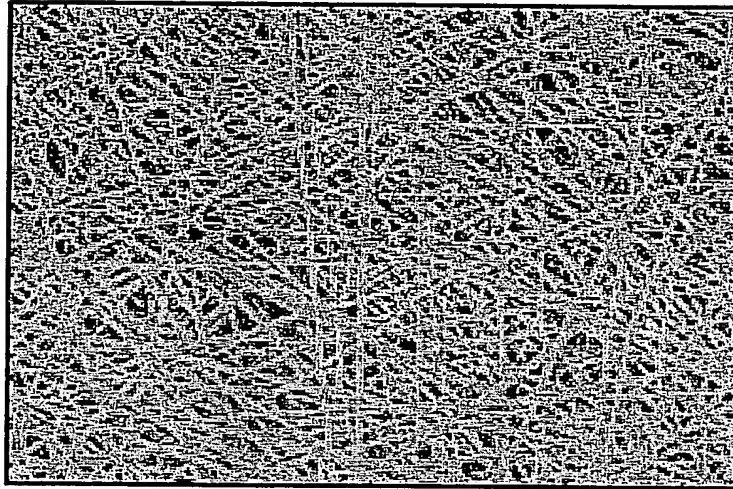
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FIG. 15 ANTIBACTERIAL TEST RESULTS OF PLA MEMBRANE



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FIG. 16 SEM IMAGE OF AS-SPUN MEMBRANE



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FIG. 17 IN-VIVO DEGRADATION AFTER A WEEK

